

**DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR THE MODIFICATION OF POLYACRYLONITRILE FIBRES CONTAINING VINYL ACETATE AS A COMONOMER AND POLYAMIDE FIBRES, USING A CUTINASE ENZYME**

the application of which:

☐ is attached hereto

OR

☐ was filed on October 28, 2004 as United States Application Number or PCT International Application Number PCT/PT2004/000025 and was amended on \_\_\_\_\_

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)

PT 103035

Country

Portugal

Filing Date

October 29, 2003

Priority Claimed

Yes

No

☒

☐

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)

Filing Date

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)

U.S. or International Filing Date

Status

I hereby appoint all attorneys of **SUGHRUE MION, PLLC** who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

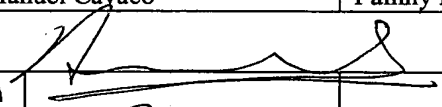
WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**

Given Name (first and middle [if any]) Artur Manuel Cayaco		Family Name or Surname PAULO	
Inventor's Signature 		Date 17 Janeiro 2007	
Residence: City Rua Goecia de Horta, 49 4715-191	State Braga	Country Portugal	Citizenship 4715-191
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**NAME OF SECOND INVENTOR:**

Given Name (first and middle [if any]) Ana Filipa Goncalves Da Costa		Family Name or Surname CARNEIRO	
Inventor's Signature Ana Filipa Goncalves da Costa Carneiro		Date 18 Janeiro 2007	
Residence: City Rua Pinheiro 260, Bloco B Entrada F, 1º andar	State Guimarães	Country Portugal	Citizenship 4810-120
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**NAME OF THIRD INVENTOR:**

Given Name (first and middle [if any]) Carla Manuela Pereira Da		Family Name or Surname SILVA	
Inventor's Signature Carla Manuela Pereira da Silva		Date 15 Janeiro 2007	
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Mailing Address:			
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**NAME OF FOURTH INVENTOR:**

Given Name (first and middle [if any]) Rita Isabel Lima de		Family Name or Surname ARAUJO	
Inventor's Signature Rita Isabel Lima de Araujo		Date 15 Janeiro 2007	
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Mailing Address:			
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**NAME OF FIFTH INVENTOR:**

Given Name (first and middle [if any]) George		Family Name or Surname GUEBITZ	
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Residence: City Hans-Klopfergasse 21	State Graz-Ragnitz	Country Austria	Citizenship A-8047
Mailing Address:			
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<b>NAME OF SIXTH INVENTOR:</b>			
Given Name (first and middle [if any])		Family Name or Surname	
Margarida Paula Pedra Amorim		CASAL	
Inventor's Signature		Date	
Margarida Paula Pedra Amorim		16 Março 07	
Residence: City	State	Country	Citizenship
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Mailing Address:			
City	State	Zip	Country
<b>NAME OF SEVENTH INVENTOR:</b>			
Given Name (first and middle [if any])		Family Name or Surname	
Maria Teresa Goncalves De Macedo		MATAMA	
Inventor's Signature		Date	
Maria Teresa Goncalves de Macedo Matama		16 Março 2002	
Residence: City	State	Country	Citizenship
Rua Fernando Pessoa 26	Paços Ferreira	Portugal	4595-482
Mailing Address:			
City	State	Zip	Country

Date:

16 Mayo 2007

Maria Teresa Goncalves de Macedo Matama

s/Maria Teresa Goncalves De Macedo MATAMA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

MODIFIED Form PTO-1595  
(Rev. 10/02)

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Artur Manuel Cavaco PAULO  
Ana Filipa Goncalves Da Costa CARNEIRO  
Carla Manuela Pereira Da SILVA  
Rita Isabel Lima de ARAUJO  
George GUEBITZ  
Margarida Paula Pedra Amorim CASAL  
Maria Teresa Gonvalves De Macedo MATAMA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

UNIVERSIDADE DO MINHO  
Largo do Paco  
P-4704-320 Braga (PT)

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: March 17, 2007, March 18, 2007, March 15, 2007, March 15, 2007, March 16, 2007, March 16, 2007, March 16, 2007

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/577,012

B. Patent No.(s)  
unknown

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

05/11/2007 MKAYPAGH 00000149 10577012

03 C:8021

40.00 DP

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed.  
☐ Authorized to be charged to Deposit Account No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit Account Number:

19-4880

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

/Alan J. Kasper/

Alan J. Kasper

Reg. No. 25,426

April 30, 2007

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

**MAIL STOP ASSIGNMENT RECORDATION SERVICES**

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

## Assignment

Whereas, I/We, Artur Manuel Cavaco PAULO; Rua Garcia de Horta, 49, P-4715-191 Braga (PT), Ana Filipa Goncalves Da Costa; CARNEIRO, Rua do Pinheiro, 260, Bloco B, Entrada F, 1° Drto, PT-4810-120 Guimarães (PT), Carl Manuela Pereira Da SILVA, Rua do Talegre, 163, S. Martinho do Campo, PT-4795-488 Santo Tirso (PT), Rita Isabel Lima de ARAUJO, Lugar da Feira, S. Julião do Freijo, PT-4990 Ponte de Lima (PT) George GUEBITZ; Hans-Kloepfergasse, 21, A-8047 Graz-Ragnitz (AT), Margarida Paula Pedra Amorim CASAL; Rua Eng. Afonso José Fonseca, 10 r/c Drto., PT-4715-123 Braga (PT), Maria Teresa Goncalves De Macedo MATAMA, Rua Fernando Pessoa, 26, PT-4595-482 Pacos de Ferreira (PT), respectively, hereinafter called assignor(s), have invented certain improvements in METHOD FOR THE MODIFICATION OF POLYACRYLONITRILE FIBRES CONTAINING VINYL ACETATE AS A COMONOMER AND POLYAMIDE FIBRES, USING A CUTINASE ENZYME and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, UNIVERSIDADE DO MINHO, Largo do Paco, P-4704-320 Braga (PT) (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed the application number and filing date of said application when known.

Date: 17 Março 2007 [Signature]  
s/Artur Manuel Cavaco PAULO

Date: 18 Março 2007 Ana Filipa Goncalves da Costa Carneiro  
s/Ana Filipa Goncalves Da Costa CARNEIRO

Date: 15 Março 2007 Carla Manuela Pereira da Silva  
s/Carla Manuela Pereira Da SILVA

Date: 15 Março 07 Rita Isabel Lima de Araujo  
s/Rita Isabel Lima de ARAUJO

Date: 14 Março 07 [Signature]  
s/George GUEBITZ

Date: 16 Março 07 Margarida Paula Pedra Amorim Casal  
s/Margarida Paula Pedra Amorim CASAL